

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071608.D
 Acq On : 28 Mar 2022 16:46
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	686167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1081715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	981659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	426802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	406233	47.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.260%		
35) Dibromofluoromethane	8.016	113	335322	49.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.040%		
50) Toluene-d8	10.433	98	1365461	49.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.600%		
62) 4-Bromofluorobenzene	12.727	95	454321	49.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	322655	45.444	ug/l	97
3) Chloromethane	2.299	50	360290	40.605	ug/l	98
4) Vinyl Chloride	2.440	62	418426	43.913	ug/l	100
5) Bromomethane	2.840	94	273022	53.996	ug/l	98
6) Chloroethane	3.010	64	294980	45.484	ug/l	97
7) Trichlorofluoromethane	3.375	101	510543	46.060	ug/l	98
8) Diethyl Ether	3.822	74	216677	46.820	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	310885	46.664	ug/l	99
10) Methyl Iodide	4.422	142	464331	48.465	ug/l	100
11) Tert butyl alcohol	5.351	59	357737	228.182	ug/l	98
12) 1,1-Dichloroethene	4.187	96	304055	46.518	ug/l	99
13) Acrolein	4.034	56	286810	235.700	ug/l	99
14) Allyl chloride	4.840	41	487579	46.234	ug/l	100
15) Acrylonitrile	5.545	53	1006332	234.202	ug/l	99
16) Acetone	4.281	43	800906	230.777	ug/l	99
17) Carbon Disulfide	4.534	76	705885	41.991	ug/l	100
18) Methyl Acetate	4.851	43	426333	40.984	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1121961	47.739	ug/l	98
20) Methylene Chloride	5.093	84	360025	44.373	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	317635	44.949	ug/l	97
22) Diisopropyl ether	6.487	45	1051991	47.984	ug/l	98
23) Vinyl Acetate	6.428	43	4570607	242.875	ug/l	100
24) 1,1-Dichloroethane	6.381	63	620224	46.707	ug/l	99
25) 2-Butanone	7.328	43	1310122	235.147	ug/l	98
26) 2,2-Dichloropropane	7.322	77	537587	48.204	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	396995	46.801	ug/l	99
28) Bromochloromethane	7.651	49	251527	46.382	ug/l	98
29) Tetrahydrofuran	7.675	42	866015	233.788	ug/l	99
30) Chloroform	7.810	83	642959	48.057	ug/l	100
31) Cyclohexane	8.092	56	536172	44.379	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	558462	48.020	ug/l	99
36) 1,1-Dichloropropene	8.216	75	462538	47.323	ug/l	100
37) Ethyl Acetate	7.404	43	515833	48.602	ug/l	99
38) Carbon Tetrachloride	8.204	117	470192	49.042	ug/l	99
39) Methylcyclohexane	9.457	83	585464	48.954	ug/l	98
40) Benzene	8.457	78	1443383	47.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	252697	49.604	ug/l	94
42) 1,2-Dichloroethane	8.522	62	500854	47.202	ug/l	100
43) Isopropyl Acetate	8.551	43	829133	45.526	ug/l	99
44) Trichloroethene	9.210	130	376297	47.513	ug/l	98
45) 1,2-Dichloropropane	9.486	63	360574	47.756	ug/l	98
46) Dibromomethane	9.575	93	246571	47.888	ug/l	99
47) Bromodichloromethane	9.757	83	502012	49.649	ug/l	99
48) Methyl methacrylate	9.551	41	385206	50.056	ug/l	100
49) 1,4-Dioxane	9.563	88	162810	927.843	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	2592822	243.070	ug/l	100
52) Toluene	10.498	92	933855	48.917	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	541626	49.994	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	595846	49.810	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	372433	47.944	ug/l	98
56) Ethyl methacrylate	10.757	69	588628	50.489	ug/l	99
57) 1,3-Dichloropropane	11.039	76	630298	48.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	799788	276.166	ug/l	100
59) 2-Hexanone	11.080	43	1888917	245.841	ug/l	100
60) Dibromochloromethane	11.233	129	392189	49.982	ug/l	100
61) 1,2-Dibromoethane	11.339	107	384034	49.136	ug/l	99
64) Tetrachloroethene	10.975	164	327078	47.983	ug/l	96
65) Chlorobenzene	11.763	112	1001422	47.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	371022	50.021	ug/l	99
67) Ethyl Benzene	11.839	91	1797454	50.095	ug/l	99
68) m/p-Xylenes	11.951	106	1382165	100.818	ug/l	99
69) o-Xylene	12.274	106	690068	50.576	ug/l	99
70) Styrene	12.286	104	1104873	51.891	ug/l	99
71) Bromoform	12.451	173	299334	51.378	ug/l	100
73) Isopropylbenzene	12.574	105	1773153	47.201	ug/l	99
74) N-amyl acetate	12.380	43	569054	47.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	573336	44.822	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	482831m	49.899	ug/l	
77) Bromobenzene	12.857	156	427724	45.591	ug/l	98
78) n-propylbenzene	12.916	91	1943213	48.656	ug/l	100
79) 2-Chlorotoluene	13.004	91	1182041	45.884	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1418558	47.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	174748	49.147	ug/l	98
82) 4-Chlorotoluene	13.098	91	1122566	47.296	ug/l	99
83) tert-Butylbenzene	13.316	119	1306410	48.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1388420	48.529	ug/l	100
85) sec-Butylbenzene	13.498	105	1756544	49.417	ug/l	99
86) p-Isopropyltoluene	13.610	119	1430195	50.541	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	727785	47.788	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	701509	46.639	ug/l	99
89) n-Butylbenzene	13.939	91	1079559	49.715	ug/l	100
90) Hexachloroethane	14.204	117	255963	46.447	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	708262	48.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	101308	45.820	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	338045	49.812	ug/l	98
94) Hexachlorobutadiene	15.362	225	200705	48.808	ug/l	99
95) Naphthalene	15.498	128	939886	50.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	330089	49.247	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

